

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

Substitute for form 1449/PTO

**INFORMATION DISCLOSURE
STATEMENT BY APPLICANT**

(Use as many sheets as necessary)

Complete if Known

Application Number	
Filing Date	3/29/2004
First Named Inventor	Jacob Wobbrock et al
Art Unit	
Examiner Name	
Attorney Docket Number	DB001079-001

Sheet 1 of 3**U. S. PATENT DOCUMENTS**

Examiner Initials*	Cite No. ¹	Document Number	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number-Kind Code ² (if known)			
		US- 6,498,601 B1	12-24-2002	Gujar et al.	
		US- 6,493,464 B1	12-10-2002	Hawkins et al.	
		US- 6,366,697 B1	04-02-2002	Goldberg et al.	
		US- 6,215,901	04-10-2001	Schwartz	
		US- 6,212,298	04-03-2001	Yoshii	
		US- 6,212,297	04-03-2001	Sklarew	
		US- 6,208,757	03-27-2001	Sinden	
		US- 6,185,333	02-06-2001	Arai	
		US- 6,057,845	05-02-2000	Dupouy	
		US- 6,044,174	03-28-2000	Sinden	
		US- 6,031,525	02-29-2000	Perlin	
		US- 5,764,794	06-09-1998	Perlin	
		US- 5,596,656	01-21-1997	Goldberg	
		US- 5,521,986	05-28-1996	Curtin	
		US- 5,467,407	11-14-1995	Guberman	
		US- 5,365,598	11-15-1994	Sklarew	
		US- 5,313,527	05-17-1994	Guberman et al.	
		US- 5,297,216	03-22-1994	Sklarew	
		US- 5,214,428	05-25-1993	Allen	

FOREIGN PATENT DOCUMENTS

Examiner Initials*	Cite No. ¹	Foreign Patent Document	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages Or Relevant Figures Appear	T ⁶
		Country Code ³ Number ⁴ Kind Code ⁵ (if known)				

Examiner
SignatureDate
Considered

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. ¹ Applicant's unique citation designation number (optional). ² See Kinds Codes of USPTO Patent Documents at www.uspto.gov or MPEP 901.04. ³ Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). ⁴ For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. ⁵ Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST.16 if possible. ⁶ Applicant is to place a check mark here if English language Translation is attached.

This collection of information is required by 37 CFR 1.97 and 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

If you need assistance in completing the form, call 1-800-PTO-9199 (1-800-786-9199) and select option 2.

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

Substitute for form 1449/PTO INFORMATION DISCLOSURE STATEMENT BY APPLICANT <i>(Use as many sheets as necessary)</i>				Complete if Known	
				Application Number	
				Filing Date	3/29/2004
				First Named Inventor	Jacob Wobbrock et al
				Art Unit	
				Examiner Name	
Sheet	2	of	3	Attorney Docket Number	DB001079-001

U. S. PATENT DOCUMENTS					
Examiner Initials*	Cite No. ¹	Document Number	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number-Kind Code ² (<i>If known</i>)			
		US- 5,194,852	03-16-1993	More et al.	
		US- 5,140,645	08-18-1992	Whitaker	
		US- 5,125,039	06-23-1992	Hawkins	
		US- 5,022,086	06-04-1991	Crane et al.	
		US- 5,010,579	04-23-1991	Yoshida	
		US- 4,985,929	01-15-1991	Tsuyama	
		US- 4,953,225	08-28-1990	Togawa	
		US- 4,905,007	02-27-1990	Rohm	
		US- 4,771,268	09-13-1988	Sone	
		US- 4,727,357	02-23-1988	Curtin	
		US- 4,724,423	02-09-1988	Kinoshita	
		US- 4,695,828	09-22-1987	Yamamoto	
		US- 4,561,105	12-24-1985	Crane et al.	
		US- 4,542,526	09-17-1985	Satoh	
		US- 4,495,646	01-22-1985	Gharachorloo	
		US- 4,241,409	12-23-1980	Nolf	
		US- 4,199,751	04-22-1980	Piguet	
		US- 4,184,147	01-15-1980	Seelbach	
		US- 4,139,837	02-13-1979	Liljenwall et al.	

[illegible]

Examiner Signature		Date Considered	
-----------------------	--	--------------------	--

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. ¹ Applicant's unique citation designation number (optional). ² See Kinds Codes of USPTO Patent Documents at www.uspto.gov or MPEP 901.04. ³ Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). ⁴ For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. ⁵ Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST.16 if possible. ⁶ Applicant is to place a check mark here if English language Translation is attached.

This collection of information is required by 37 CFR 1.97 and 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

If you need assistance in completing the form, call 1-800-PTO-9199 (1-800-786-9199) and select option 2.

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

Substitute for form 1449/PTO

**INFORMATION DISCLOSURE
STATEMENT BY APPLICANT**

(Use as many sheets as necessary)

Complete if Known

Application Number	
Filing Date	3/29/2004
First Named Inventor	Jacob Wobbrock et al
Art Unit	
Examiner Name	
Attorney Docket Number	DB001079-001

Sheet 3 of 3

U. S. PATENT DOCUMENTS

Examiner Initials*	Cite No. ¹	Document Number	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number-Kind Code ² (if known)			
		US- 4,070,649	01-24-1978	Wright	
		US- 4,047,010	09-06-1977	Perotto	
		US- 4,005,400	01-25-1977	Engdahl	
		US- 3,996,557	12-07-1976	Donahey	
		US- 3,909,785	09-30-1975	Howells	
		US- 3,903,502	09-02-1975	Moss	
		US- 3,835,453	09-10-1974	Narayanan	
		US- 3,704,343	11-28-1972	Howard	
		US- 3,676,848	07-11-1972	Hall	
		US- 3,559,170	01-26-1971	Barnes	
		US- 3,253,258	05-24-1966	Hughes	
		US- 3,199,078	08-03-1965	Gaffney, Jr., et al	
		US- 3,142,039	07-21-1964	Irland	
		US- 3,108,254	10-22-1963	Dimond	
		US- 1,231,821	07-03-1917	H. Walton	
		US- 400,141	03-26-1889	R.C. Stone	
		US-			
		US-			
		US-			

FOREIGN PATENT DOCUMENTS

Examiner Initials*	Cite No. ¹	Foreign Patent Document	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages Or Relevant Figures Appear	T ⁶
		Country Code ³ Number ⁴ Kind Code ⁵ (if known)				

Examiner
SignatureDate
Considered

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. ¹ Applicant's unique citation designation number (optional). ² See Kinds Codes of USPTO Patent Documents at www.uspto.gov or MPEP 901.04. ³ Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). ⁴ For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. ⁵ Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST.16 if possible. ⁶ Applicant is to place a check mark here if English language Translation is attached.

This collection of information is required by 37 CFR 1.97 and 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

If you need assistance in completing the form, call 1-800-PTO-9199 (1-800-786-9199) and select option 2.

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

Substitute for form 1449/PTO INFORMATION DISCLOSURE STATEMENT BY APPLICANT <i>(Use as many sheets as necessary)</i>				Complete if Known	
				Application Number	
				Filing Date	3/29/2004
				First Named Inventor	Jacob Wobbrock et al
				Art Unit	
				Examiner Name	
Sheet	1	of	1	Attorney Docket Number	DB001079-001

NON PATENT LITERATURE DOCUMENTS			
Examiner Initials*	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T ²
		T.L. DIMOND, Devices for Reading Handwritten Characters, Proceedings of the Eastern Computer Conference, pages 232-237, Bell Telephone Labs, Inc., Murray Hill, N.J.	
		DAVID GOLDBERG AND CATE RICHARDSON, Touch-Typing With a Stylus, Interchi '93, 24-29 April 1993, pages 80-87, Xerox Corporation, Palo Alto, CA	
		I. SCOTT MACKENZIE AND R. WILLIAM SOUKOREFF, Text Entry for Mobile Computing: Models and Methods, Theory and Practice, Human-Computer Interaction, 2002, pgs. 147-198, Vol. 17	
		POIKA ISOKOSKI AND ROOPE RAISAMO, Device Independent Text Input: A Rationale and an Example, Dept. of Computer Science, 2000, pages 76-83, Univ. of Tampere, Finland	
		I. SCOTT MACKENZIE AND S. ZHANG, The Immediate Usability of Graffiti, Dept. of Computing & Information Science, 1997, pages 129-137, Univ. of Guelph, Canada	
		KEN PERLIN, Quikwriting: Continuous Stylus-based Text Entry, Dept. of Computer Science, 1998, pages 215-216, New York Univ., New York	
		SHUMIN ZHAI, MICHAEL HUNTER AND BARTON A. SMITH, Performance Optimization of Virtual Keyboards, Human-Computer Interaction, 2002, pages 89-129, Vol. 17	

Examiner Signature	Date Considered
--------------------	-----------------

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

¹ Applicant's unique citation designation number (optional). ² Applicant is to place a check mark here if English language Translation is attached. This collection of information is required by 37 CFR 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

If you need assistance in completing the form, call 1-800-PTO-9199 (1-800-786-9199) and select option 2.